



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Dresch, et al

Serial No. 09/808,468

Filed March 14, 2001

For: ION STORAGE TIME OF FLIGHT
MASS SPECTROMETER

Docket No. 840.066.202

Patent Application

Dec. 22, 2001

#7/A
2-5-02

Hon. Commissioner of Patents & Trademarks
Washington, D. C. 20231

AMENDMENT

Sir:

Please amend this application as follows:

Cancel claims 1 through 10 and add new claims 11-13.

11. (New) An apparatus for analyzing chemical species comprising a time-of-flight mass analyzer with an ion pulsing region and a detector, an ion source for producing ions from said chemical species, a two dimensional multipole ion guide having an entrance end where ions enter said ion guide from said ion source and an exit end where ions exit said ion guide, means for pulsing said ions transferred into said pulsing region into said time-of-flight mass analyzer for mass analysis,

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